

PATENT COOPERATION TREATY

From the
INTERNATIONAL SEARCHING AUTHORITY

REC'D 24 JUN 2005

PCT

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To:

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WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43bis.1)

Date of mailing
(day/month/year)
17-06-2005

Applicant's or agent's file reference w5747-001 ga/jw	FOR FURTHER ACTION See paragraph 2 below	
International application No. PCT/SE 2005/000457	International filing date (day/month/year) 30-03-2005	Priority date (day/month/year) 30-03-2004
International Patent Classification (IPC) or both national classification and IPC G07B 15/00, G07C 1/30, G07F 17/24, G07F 7/08		
Applicant ANDERSSON, Jonas et al		

1. This opinion contains indications relating to the following items:

- Box No. I Basis of the opinion
- Box No. II Priority
- Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- Box No. IV Lack of unity of invention
- Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- Box No. VI Certain documents cited
- Box No. VII Certain defects in the international application
- Box No. VIII Certain observations on the international application

2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further opinions, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

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WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/SE 2005/000457

Box No. I Basis of this opinion

1. With regard to the language, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
 This opinion has been established on the basis of a translation from the original language into the following language, _____, which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).
2. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
 - a. type of material
 a sequence listing
 table(s) related to the sequence listing
 - b. format of material
 in written format
 in computer readable form
 - c. time of filing/furnishing
 contained in the international application as filed.
 filed together with the international application in computer readable form.
 furnished subsequently to this Authority for the purposes of search.
3. In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Additional comments:

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/SE 2005/000457

Box No. V		Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement																										
<p>1. Statement</p> <table> <tr> <td>Novelty (N)</td> <td>Claims</td> <td>1-10</td> <td>YES</td> </tr> <tr> <td></td> <td>Claims</td> <td></td> <td>NO</td> </tr> <tr> <td>Inventive step (IS)</td> <td>Claims</td> <td></td> <td>YES</td> </tr> <tr> <td></td> <td>Claims</td> <td>1-10</td> <td>NO</td> </tr> <tr> <td>Industrial applicability (IA)</td> <td>Claims</td> <td>1-10</td> <td>YES</td> </tr> <tr> <td></td> <td>Claims</td> <td></td> <td>NO</td> </tr> </table>					Novelty (N)	Claims	1-10	YES		Claims		NO	Inventive step (IS)	Claims		YES		Claims	1-10	NO	Industrial applicability (IA)	Claims	1-10	YES		Claims		NO
Novelty (N)	Claims	1-10	YES																									
	Claims		NO																									
Inventive step (IS)	Claims		YES																									
	Claims	1-10	NO																									
Industrial applicability (IA)	Claims	1-10	YES																									
	Claims		NO																									
<p>2. Citations and explanations:</p> <p>Cited document</p> <p>D1: EP 1126418 A1</p> <p>Statement</p> <p>The present invention aims at solving the problem of prior-art systems for paying and verifying that parking fees have been paid, by having a system that is flexible in different situations.</p> <p>D1, which is considered to be the prior-art most closely related to the present invention, discloses an automatic payment and verification system to be used in vehicles when parking. The idea is that parking guards can verify that parking fees have been paid by wireless transfer of information between data units. The system is based on modules, such as smart cards, which can be loaded with money and used for paying parking fees by activating a data unit in the vehicle.</p> <p>The system comprises user devices (10) to be installed, upon parking, in the individual motor vehicles and verification terminals (30), provided at least in a portable configuration, to be assigned to patrolling control personnel. The user devices (10) are provided with a numeric display module (15) and with prepaid fee-charging modules (11-11') which include logic controller means (26) which, activated at the beginning of the parking period, decrease</p> <p>.../...</p>																												

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International application No.
PCT/SE 2005/000457

Supplemental Box

In case the space in any of the preceding boxes is not sufficient.

Continuation of: BOX V.

according to the preset hourly rate the credit of the fee-charging module (11), indicating the residual credit on the display means. The verification terminals (30) comprise radio transmission means and radio reception means, the former being capable of transmitting by radio from outside the vehicle data and querying signals to the user devices (10), the latter being capable of receiving by radio corresponding information transmitted as reply by a radio transponder module (18) with which each individual user device (10) is fitted. The information is transmitted on a dedicated interface with a method protected by means of algorithms for coding-decoding and encrypting-decrypting.

A parking guard, who wishes to verify that a parking fee has been paid, sends a request from the verification unit to the user unit which replies whereby communication between these units is established. The verification unit thereby receives relevant information including authentication and payment data. See D1 abstract, figure 1 and [0022]-[0026].

The difference between what is stated in claims of the present invention and the system and method disclosed in D1, is that in the claims of the present invention it is stated that identification information about a receiver is loaded in the communication module. However, even if this is not explicitly stated in D1, similar information must be available in this system since the units are authenticated and information is transmitted on a dedicated interface with a method protected by means of algorithms for coding-decoding and encrypting-decrypting. Obviously, some kind of identification must be carried out between the user unit and the verification unit. Therefore, the difference between claims 1-10 and D1 is considered to be obvious to a person skilled in the art and thereby is considered to lack an inventive step.